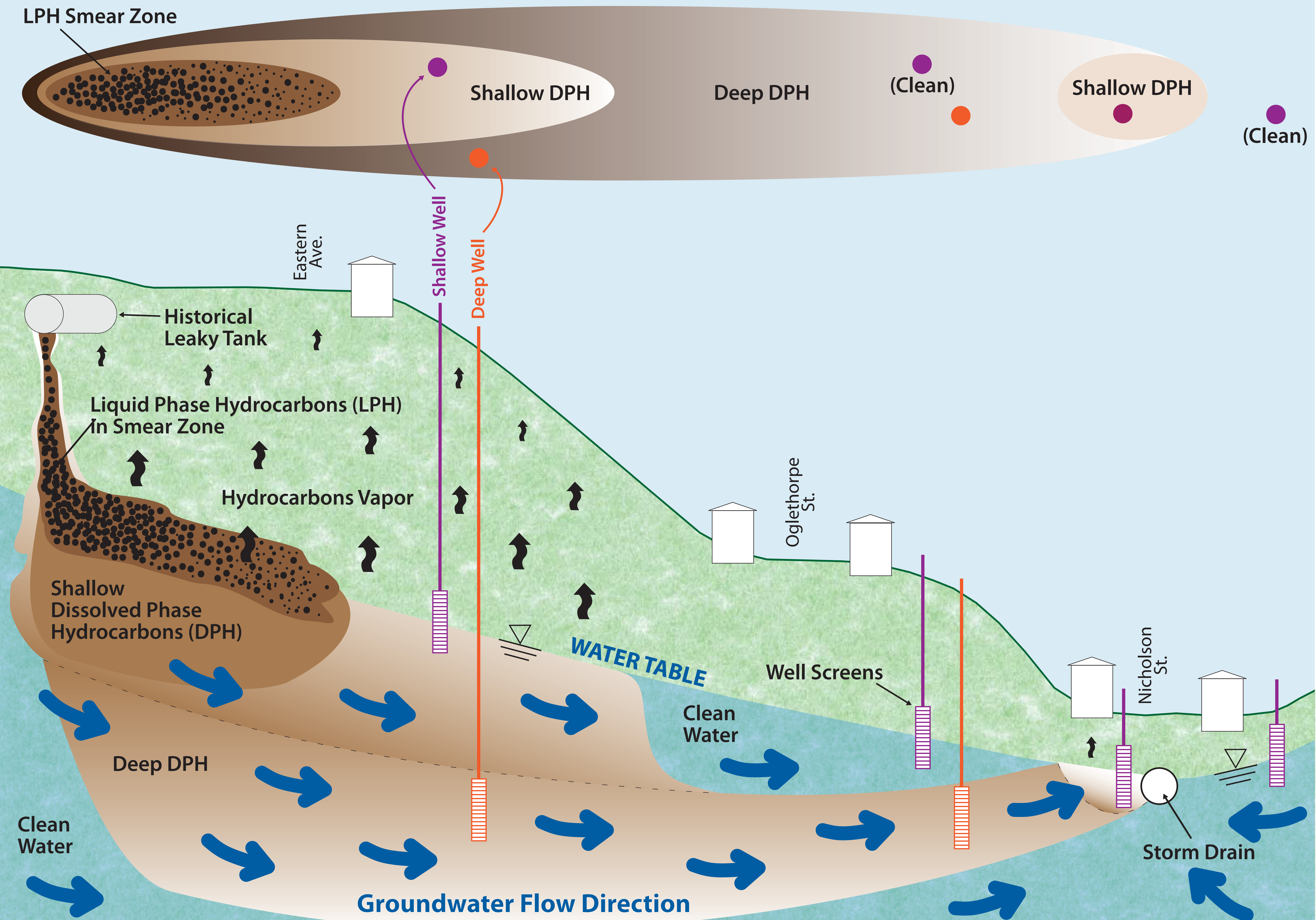
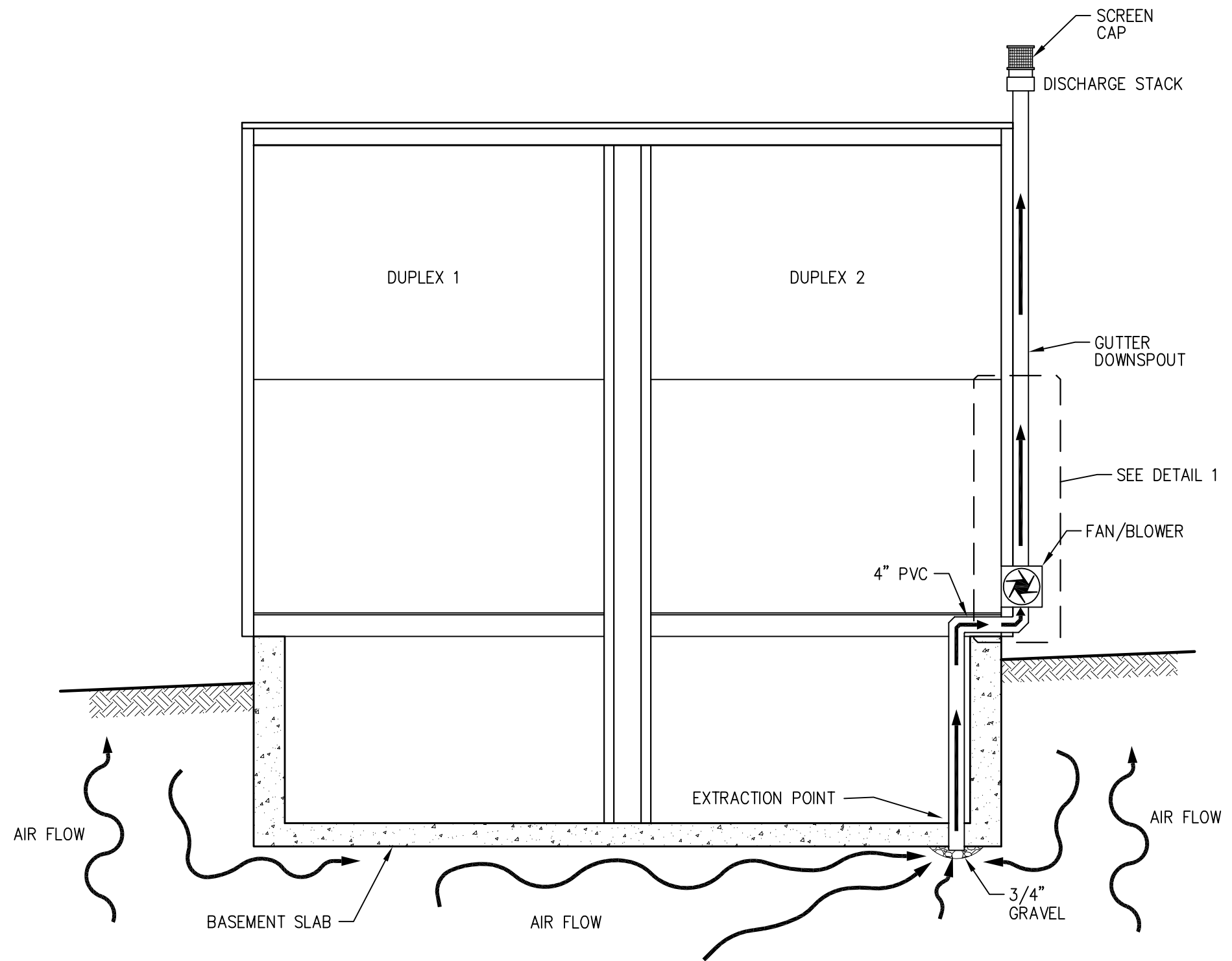


CONCEPTUAL SITE MODEL (not to scale)



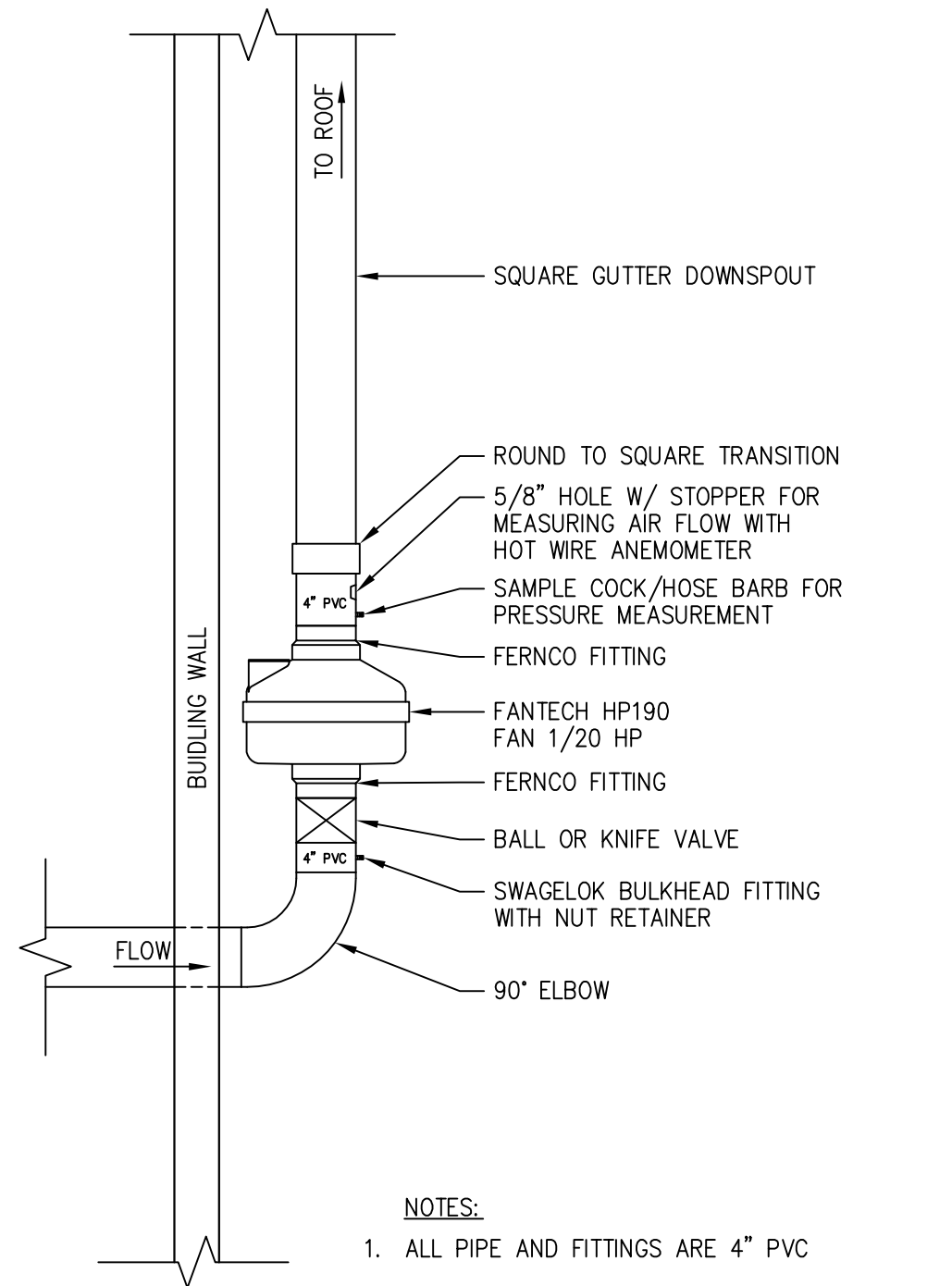


NOTE:

FOR ILLUSTRATION PURPOSES ONLY. THE EXACT LOCATION OF EXTRACTION POINTS IN RESIDENCE BASEMENTS WILL BE DETERMINED AT THE TIME OF INSTALLATION.

VAPOR MITIGATION SYSTEM SCHEMATIC –
ELEVATION VIEW

SCALE: N.T.S.

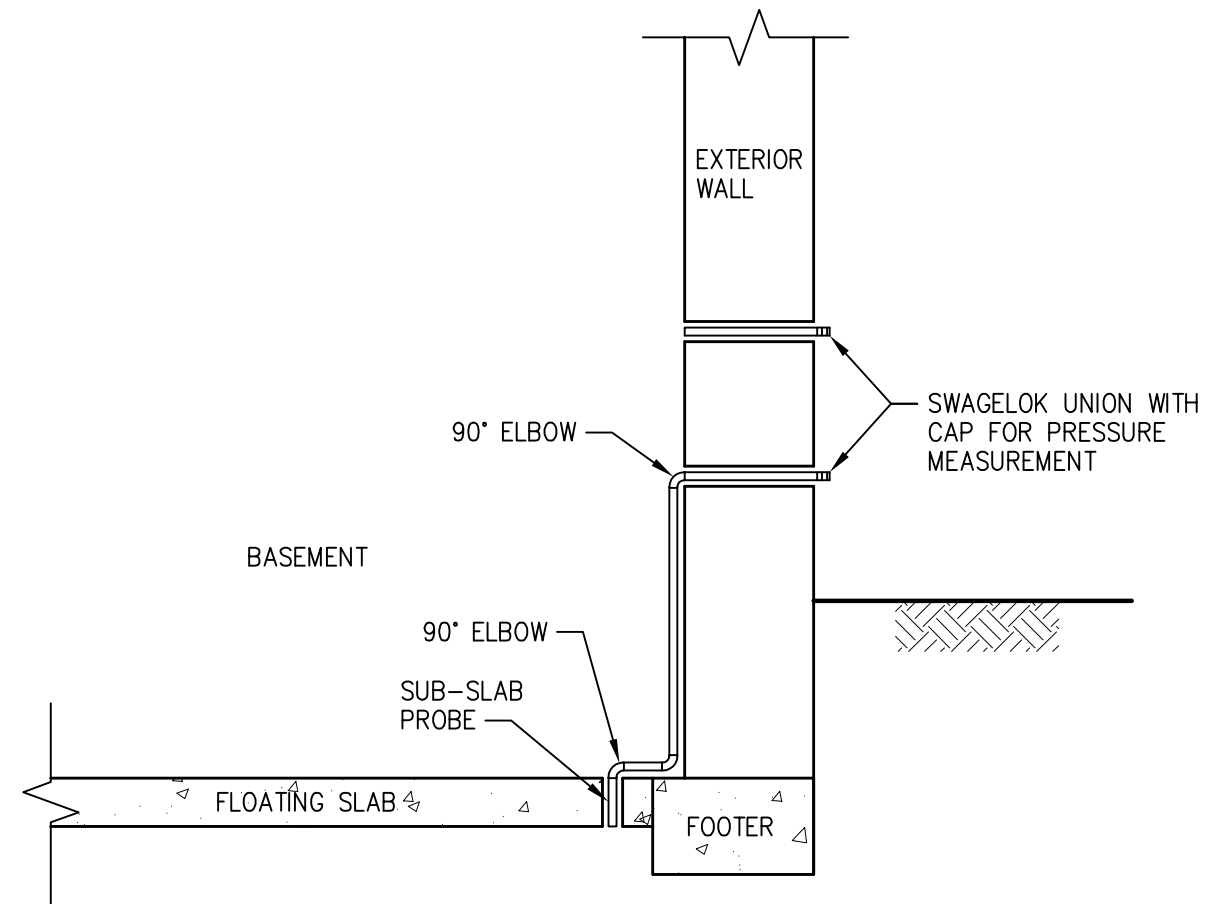


NOTES:

1. ALL PIPE AND FITTINGS ARE 4" PVC
2. FAN WILL HAVE A CONDENSATE DRAIN AND EXTERNAL JUNCTION BOX WITH SWITCH MOUNTED ON THE EXTERNAL WALL.

DETAIL 1 – FAN AND PIPING DETAIL

SCALE: N.T.S.



NOTES:

- TUBING: 1/4" OD STAINLESS STEEL
 ELBOWS: SWAGELOK UNION ELBOW 1/4" STAINLESS STEEL

DETAIL 2 – CROSS-SLAB DIFFERENTIAL PRESSURE MEASUREMENT APPARATUS

SCALE: N.T.S.

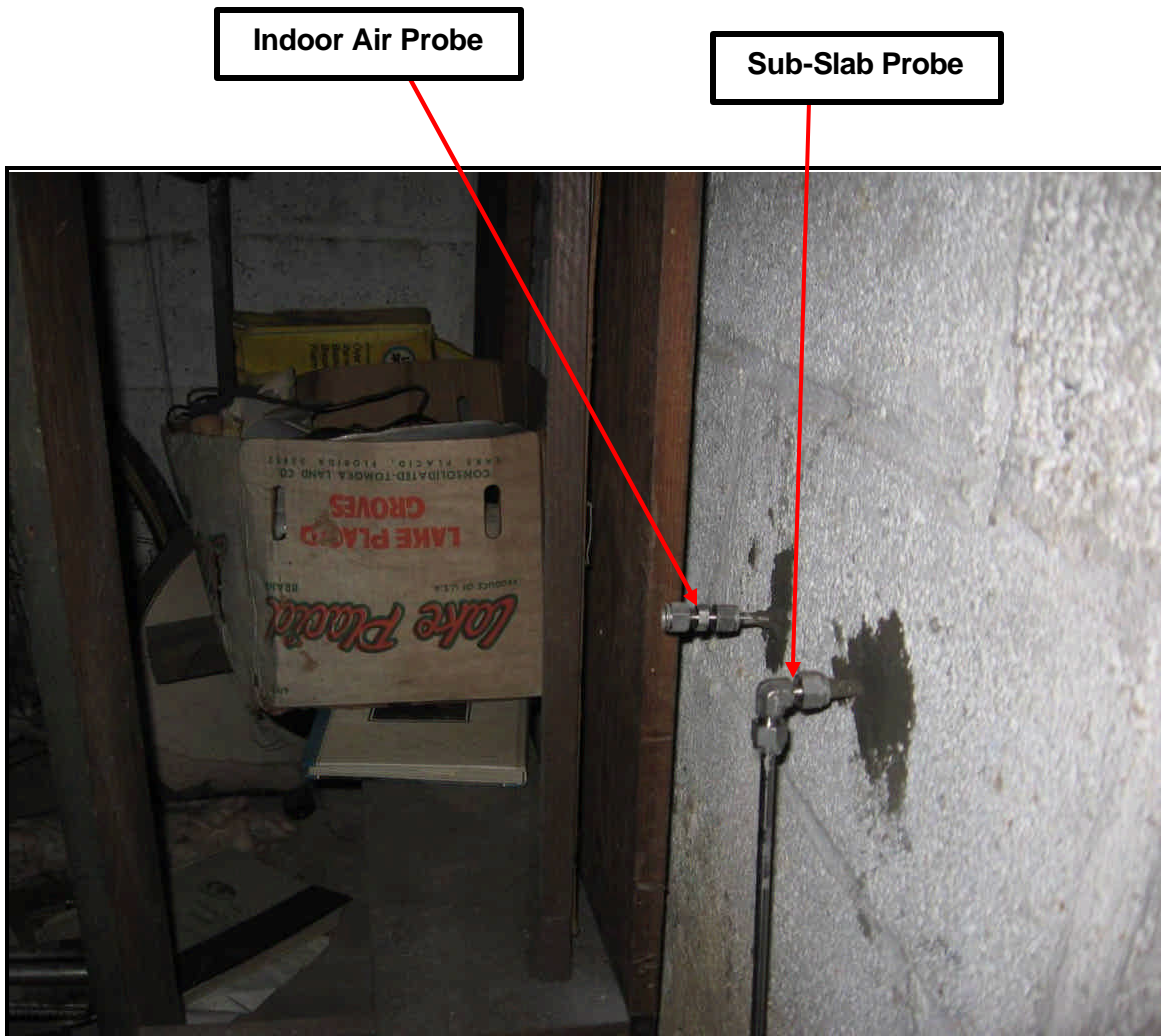


Photo 1 – Indoor view of sub-slab and indoor air probes



**Sub-Slab
Probe**

Photo 2 – Another indoor view of the indoor and sub-slab tubing showing the full sub-slab probe.



**Sub-Slab
Probe**

**Indoor Air
Probe**

Photo 3 – Outdoor view of the indoor and sub-slab probes. These probes are for taking differential pressure measurements to make sure the system is working. They can also be used to take soil vapor and indoor air samples from outside of the residence.

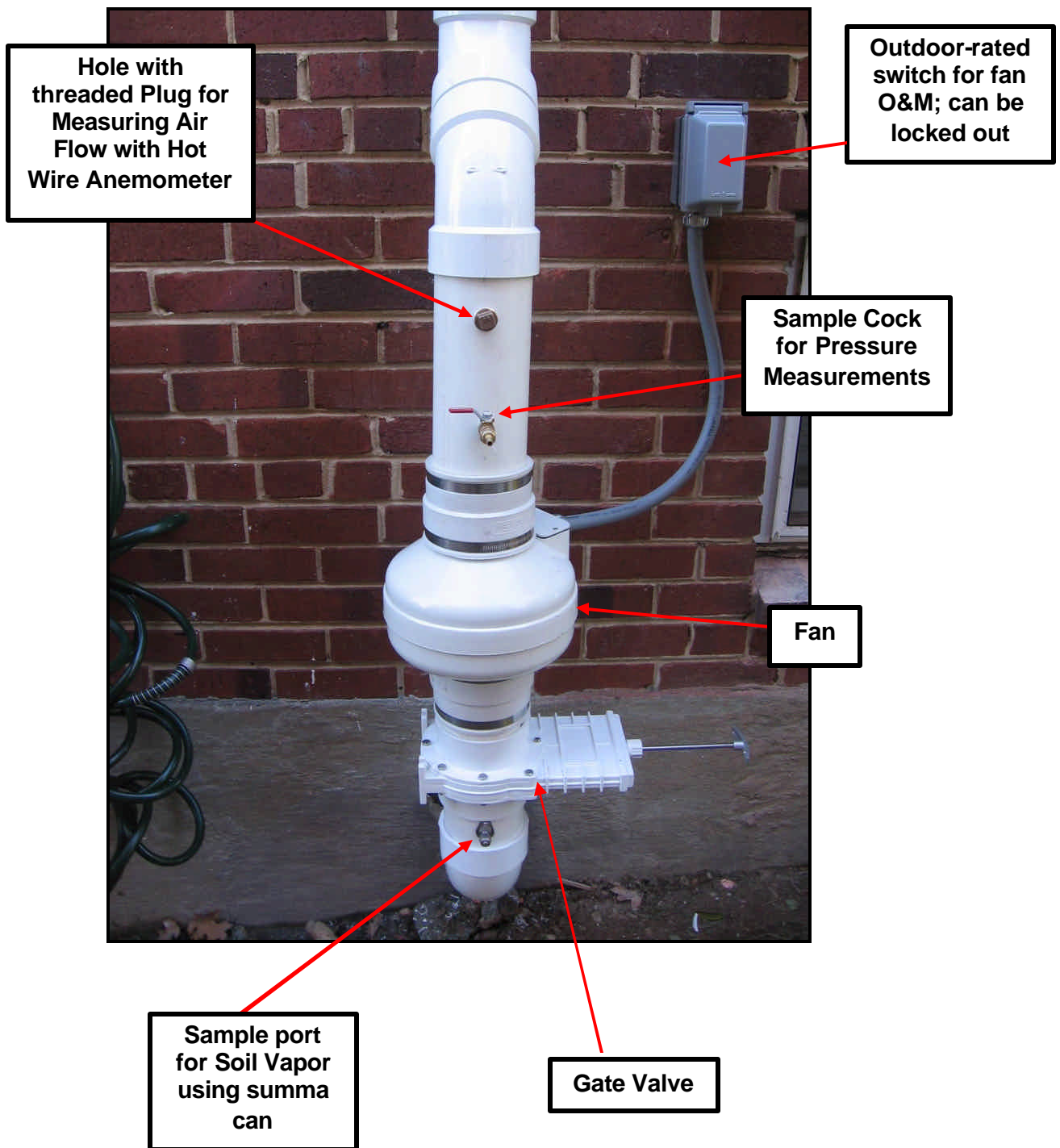


Photo 4 – View of the fan and piping. The gate valve isolates the piping such that a soil vapor sample can be collected prior to the fan.

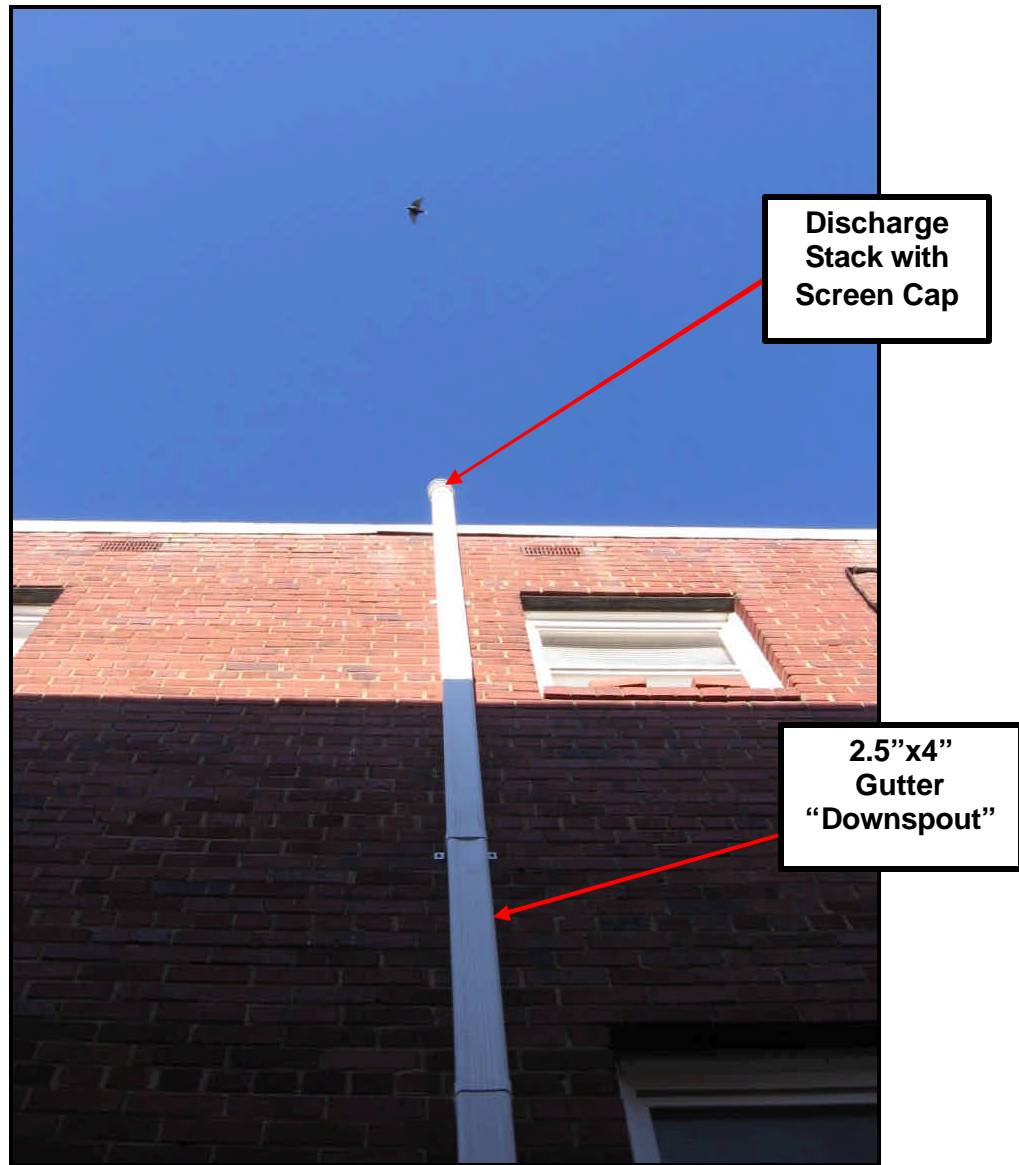
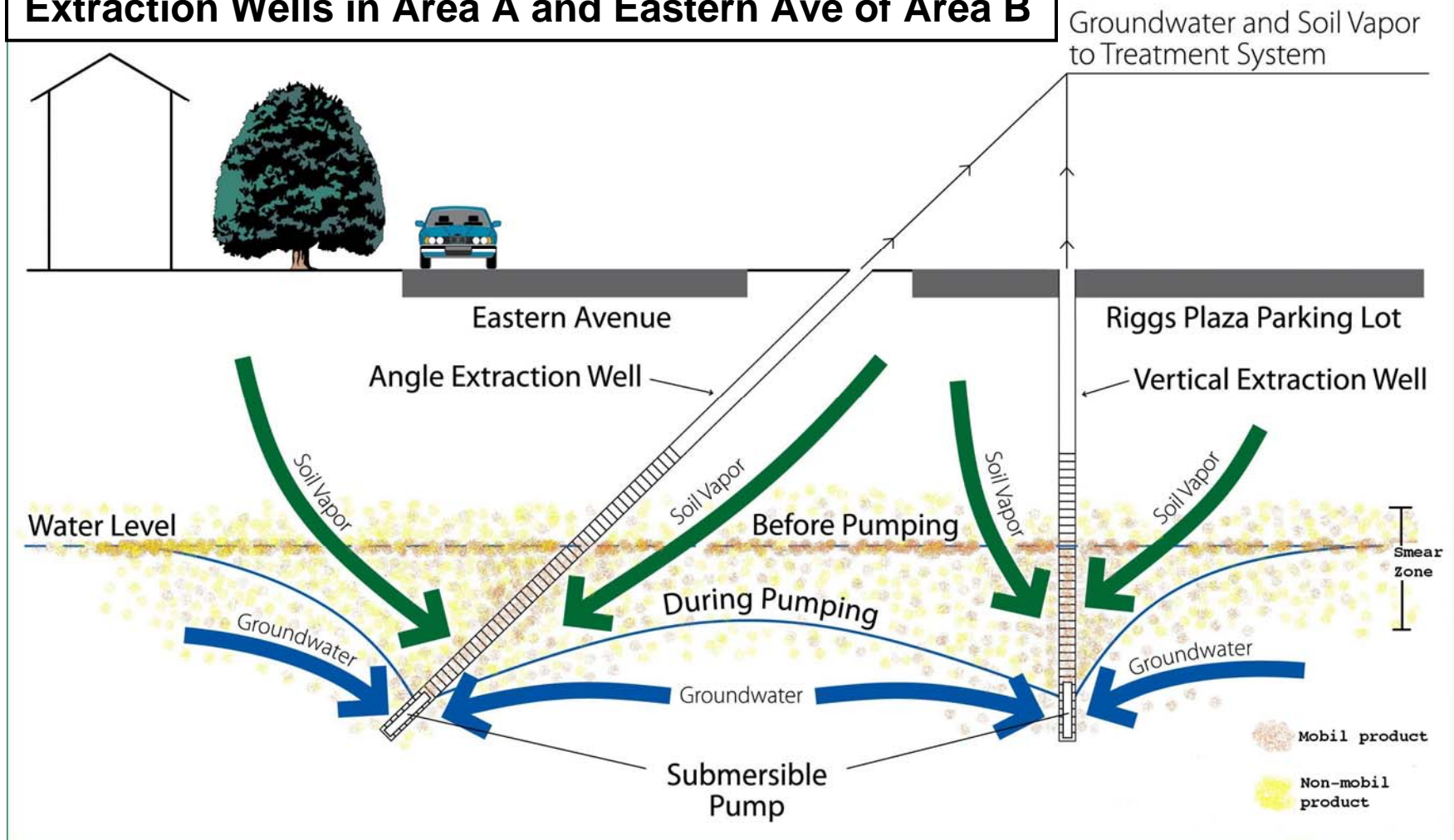


Photo 5 – View of the gutter downspout projecting up the side



Photo 6 – Outside view of the finished product

Figure 2. Existing Vertical & Angle Dual Phase Extraction Wells in Area A and Eastern Ave of Area B



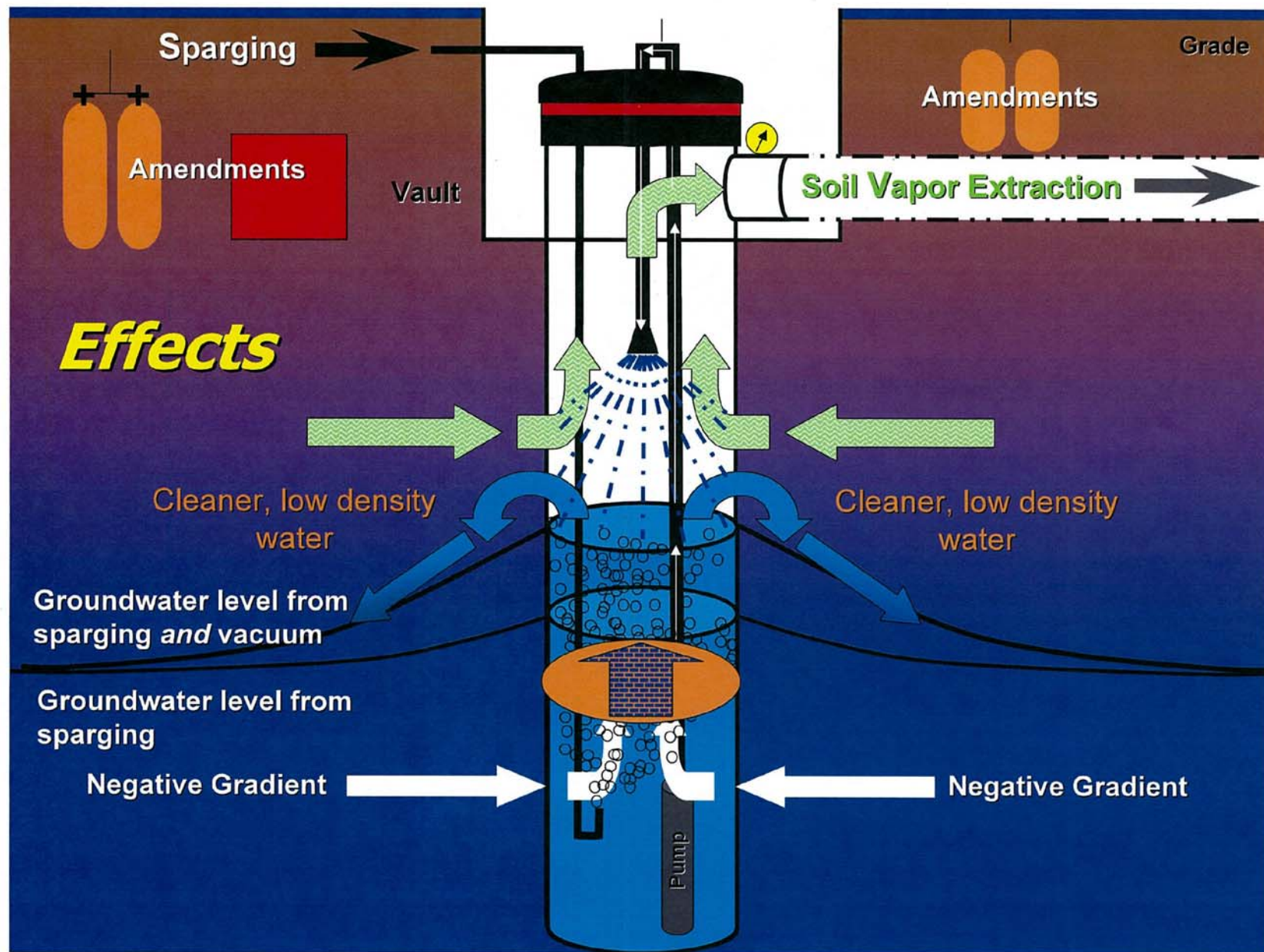
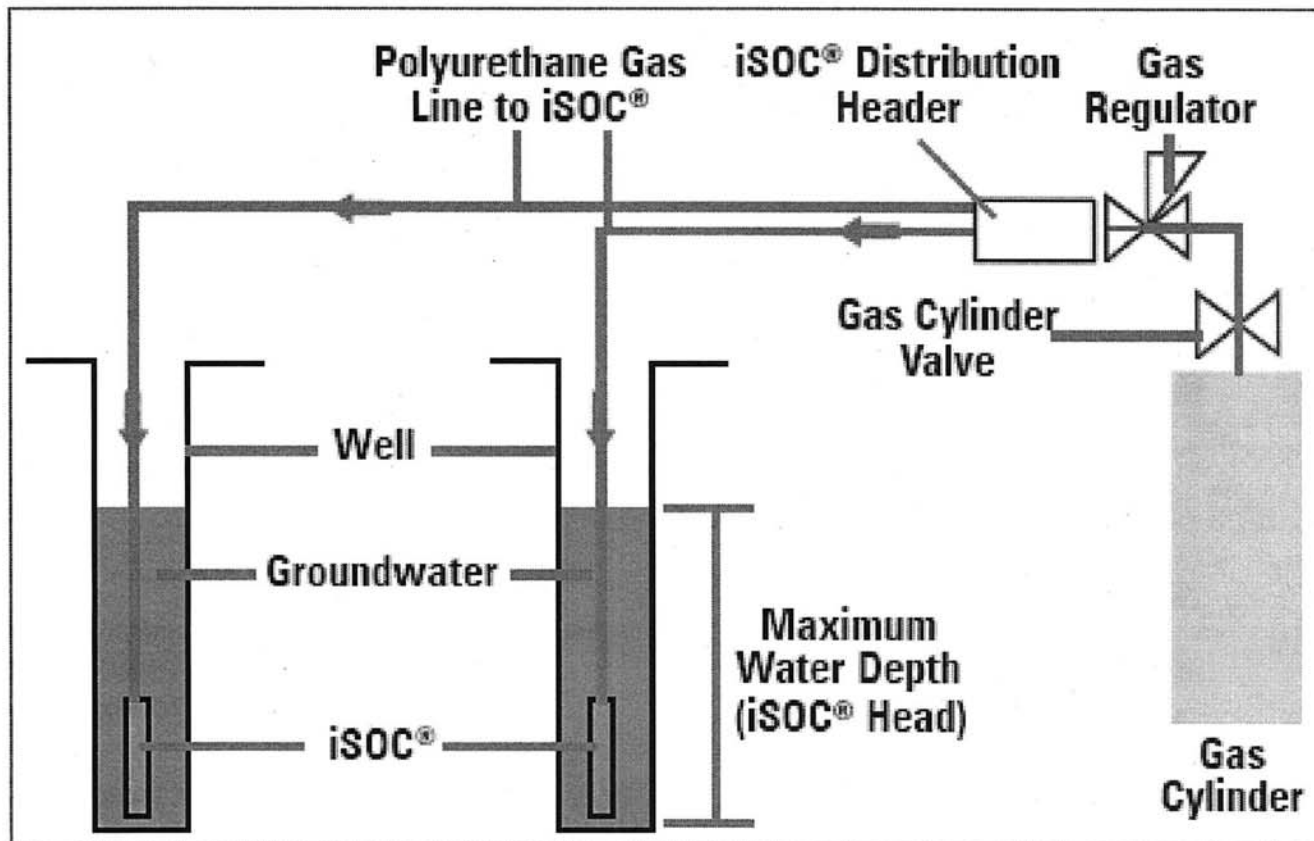


Figure 3 Independent Remediation System in alley of Area B



**Figure 4 Oxygen
Curtain in Area C**